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Maine Perspective

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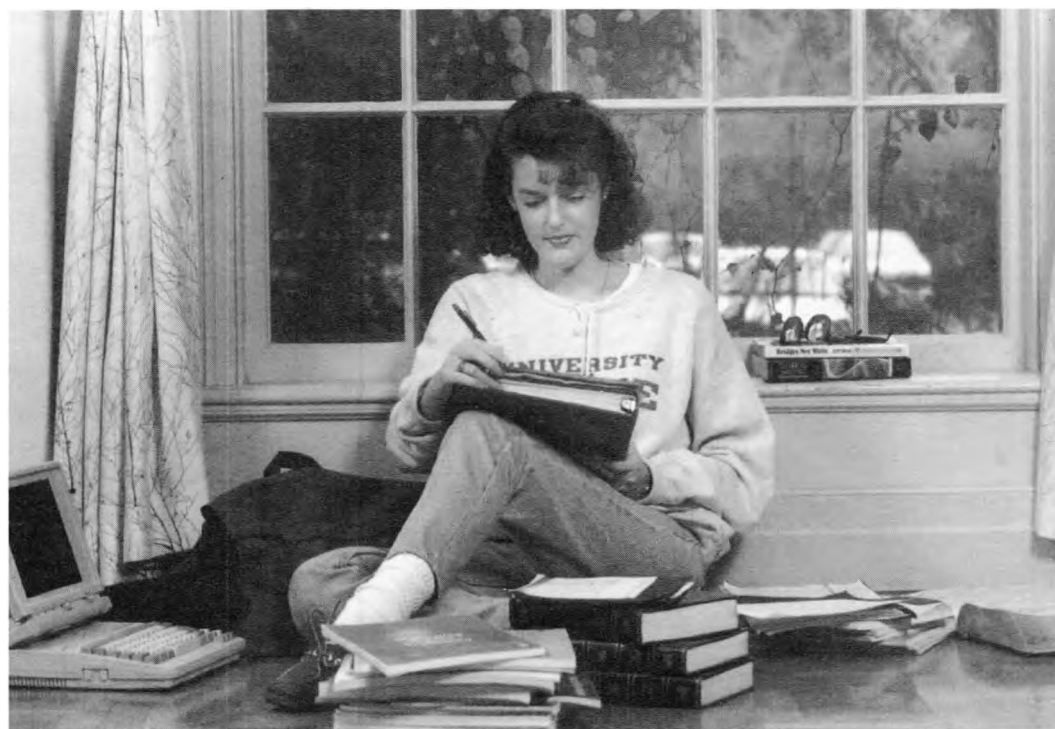


Photo by Damon Kiesow

Enhancing the Educational Continuum

Newest Articulation Agreement Links UMaine, Northern Maine Tech and Presque Isle High

A partnership has been formalized between Presque Isle High School, Northern Maine Technical College and the University of Maine that provides a continuum of educational experiences for students, allowing them to move from secondary to post-secondary levels in the most expedient and cost-effective manner with less duplication of content and maximum use of available institutional resources. And it seems that no matter how one adds up the advantages of such an articulation agreement known as "2+2+2," the benefactors are the students, the educational institutions – and the field of agribusiness.

"The reality is it gives the students some incentive and direction to go on to higher education," according to Alan Kezis, professor of agricultural resource economics who is coordinating the newest articulation program for UMaine. "It opens our doors to some talented students who might not attend UMaine otherwise. UMaine can be a staggering experience for some students coming from small high schools in rural areas. In some cases, they may not be academically ready or personally prepared to come to this kind of an environment."

Such articulation agreements are a form of recruiting for the University's Department of Resource Economics and Policy, providing access to proven students, Kezis said. "For the students, it gives them a plan for going on in education. We have found these students from Northern Maine Technical College to be good quality students. A

couple years ago, our top student in agribusiness was a student from Northern Maine Technical College.

"Some people still think of the technical colleges as they were 20 years ago. The reality is they are no longer strictly vocational. They are now offering a wider variety of two-year degrees with broader course offerings, becoming more similar to a community college network. Also they give students a good work ethic. It's our experience that students who do well in technical college come here and do well," he said.

The Department of Resource Economics and Policy has a history of 2+2 articulation agreements with two-year programs, including those offered at some of the state's technical colleges. "This 2+2 program is not a new concept in this Department," Kezis said. "We're always looking for different agreements (that enhance academic quality in our

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As a service to the University community, costs of producing Maine Perspective are underwritten by University Printing Services.

Governor-Elect King to Speak at UMaine Commencement

Governor-Elect Angus King Jr. will address graduates and other members of the audience at the University of Maine's 185th commencement on Saturday, Dec. 17. The ceremony begins at 10:30 a.m. in the Alford Sports Arena. The public is welcome to attend.

President Fred Hutchinson will preside over the ceremony and the awarding of more than 400 undergraduate and graduate degrees.

King, who will be the nation's only current Independent governor and the second in Maine history, takes office Jan. 5. "We are privileged to have Governor-Elect King as our commencement speaker," says Hutchinson. "His willingness to take time during an extremely busy and important transition period to address our graduates reflects his commitment to higher education and its role in Maine's future."

A total of 345 undergraduates and 80 graduate students, including 10 at the doctoral level, are expected to receive degrees at the ceremony. Charles Tarr, dean of the Graduate School, will confer graduate degrees, and Judson Sheridan, vice president for Academic Affairs, will award degrees to undergraduates.

This year, the presidents of other campuses in the University of Maine System have been invited to attend and participate in the ceremony. ▲

Survey of Instructional Labs Continues on Campus

A needs assessment of instructional labs on campus will continue into the spring semester as members of the Subcommittee on Classrooms and Teaching Labs compile a priority improvement list based on environmental health and safety requirements, and on teaching enhancement essentials.

"This is a complicated issue, and it's difficult to know where to start," according to Richard Blake who, along with Susan Hunter, co-chairs the instructional lab improvement initiative of the Subcommittee, a segment of the University Facilities and Campus Planning Committee. "Following the survey last spring, we decided to go to every building and talk to the principals and chairs, finding out what they felt were the most important needs and improvements to address. We also wanted to make some correlation with the rooms they considered in bad shape, as well as the number the students who use those spaces.

"From there, we hope to put together a priority list that will then have to shake out in terms of cost," Blake said. "The hope is we will be able to tackle at least the top 10 labs that serve a large number of students. It would be nice if we could look to the future and make these better teaching spaces. Working out the bugs in a cave is one thing, but if you're conducting cell biology, you have to have an appropriate lab. It should be a place where our best students can go and get a Harvard education. If our students are going to compete, they should have the same benefits of a good learning environment."

Last spring, a survey of classrooms and teaching labs provided members of the Subcommittee with their first campuswide glimpse of the condition and needs in those areas. The survey of classrooms provided much of the requisite information needed to compile a priority list of classroom needs to enhance the learning environment. That priority list was forwarded to President Fred Hutchinson, who in turn allocated \$100,000 this past summer for classroom improvements across campus. *continued on page 7*



Patrice Paoli, second from the right, consul general of France who is based in Boston, and his press secretary, Jean Louis Duclion, second from the left, were greeted on their visit to campus this past Tuesday by Yvon Labbé, left, director of the University of Maine Franco American Center, UMaine President Fred Hutchinson, center, and Marisue Pickering, associate vice president for Academic Affairs. It was the second visit to UMaine by Paoli in the past two years, following up on the campus meeting in 1992 between University officials and Jacques Andreani, ambassador of France to the U.S. Among the initiatives that came out of the Ambassador's visit was the need to explore the strong ties between Western France and Maine from their common heritage. The result was a UMaine delegation that went to France last spring where talks began between the University and the University of Angers to establish an exchange program involving faculty, staff and students of the University, as well as community members from throughout Maine. The proposed exchange program with the University of Angers was one of the many topics of discussion during Paoli's day-long visit. The Consul General met with members of the University community who updated him on the status of the Franco American Studies Program, which will offer its first introductory course in the spring. Paoli met with UMaine President Fred Hutchinson, visited the Wabanaki Center, and talked with business leaders in the Greater Bangor area. Paoli shared his perspective on the Franco community of New England with the various groups.

Photo by Damon Kiesow

This is the last issue of *Maine Perspective* this semester.

Maine Perspective will return to weekly publication with the Jan. 13 issue.

If you have events scheduled for the spring semester and would like them included in the UMaine Calendar, send them along to *Maine Perspective* via campus mail (*Maine Perspective*, Department of Public Affairs), fax (581-3776) or e-mail (nagle@maine.maine.edu).

Maine Perspective

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University of
Maine

U Maine Calendar

FEBRUARY 13-24

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to: *Maine Perspective* Calendar, Public Affairs. Calendar of events listings MUST be typewritten and should be sent AT LEAST TWO WEEKS in advance. Deadline for each issue: 9 a.m. Friday. For more information, call x3745.

13 Monday

"Habitat Use by Canadian Forest Songbirds," by Anthony Diamond, University of New Brunswick, part of the Wildlife Ecology Seminar Series, noon, Feb. 13, 204 Nutting Hall. x2862.

"What Does It Mean to be Blessed by God?" part of the Ecumenical Brown Bag series, 12:15 p.m., Feb. 13, Memorial Room, Union. 866-4227.

Finding Co-op & Internship Positions, a Career Center Job Search Workshop, 3:10 p.m., Feb. 13, Chadbourne Hall. x1359.

The Crying Game, part of the Roll It Again Cinema video series, 6:30 p.m., Feb. 13, Sutton Lounge, Union. x1734.

14 Tuesday

Soup Day at the Commuter Office, 11 a.m.-1:30 p.m., Feb. 14, Union. x1820.

"Haiti: Is Peace Possible?" a panel discussion moderated by Norman Wilkinson and featuring panelists Franklin Roberts, Maryann Jerkofsky, Stephanie Seguino, Harry Dieuveuil and Carrel D'Haiti, offered by Peace Studies in celebration of Black History Month, 12:15 p.m., Feb. 14, Bangor Lounge, Union. x1734.

"Governance, Uncertainty and Compassion," a filmed interview with Donald Michael, professor emeritus of psychology, followed by discussion led by Malcolm Hunter, part of the Thinking Allowed series, 12:30-1:30 p.m., Feb. 14, FFA Room. x2394.

"How to Talk to Your Children About AIDS and Other Tough Topics," part of the NTS Topics series, 3 p.m., Feb. 14, Nutter Lounge, Union. x1734.

The Crying Game, part of the Roll It Again Cinema video series, 3:15 p.m. and 6:30 p.m., Feb. 14, Sutton Lounge, Union. x1734.

Introduction to MS-Windows, a CAPS seminar with Betty Johnson, 3:30-5:30 p.m., Feb. 14, 107 Corbett Business Building. x3518.

University Credit Union 28th Annual Meeting, 4:30 p.m., Feb. 14, Woolley Room, Doris Twitchell Allen Village. x1458.

"Earth Changes & the New Age," with Bahā'ī Native American speaker John Eagle Smith, part of the Bahā'ī Fireside, 7 p.m., Feb. 14, Totman Lounge, Union. 581-7095.

Comedy with Kevin Hughes, 8 p.m., Feb. 14, Wells Conference Center. Admission fee. x1734.

15 Wednesday

Excel Intro, a CIT Windows Workshop, 10 a.m.-noon, Feb. 15, Donald Corbett Business Building. Registration required/admission fee. x1638.

Do-It-Yourself Database Searching Workshop for humanities and social sciences faculty, staff and students, 11:30 a.m.-1 p.m., Feb. 15. Registration required. x3611 or e-mail christin@maine.

Fundamental Order of the Universe, part of the video series: *Canticle to the Cosmos* with Brian Swimme, offered by the Peace Studies Program and other sponsors, noon, Feb. 15, FFA Room, Union. x1036.

"The Hungry Heart: Poets Against Violence," part of the Poetry Free Zone series, noon, Feb. 15, Honors Center. x3264.

"A Negative Force: Rebecca West's Return of the Soldier as a Feminist Critique of World War I," by Laura Cowan, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., Feb. 15, Bangor Lounge, Union. x1228.

Do-It-Yourself Database Searching Workshop for science and engineering faculty, staff and students, 2-3:30 p.m., Feb. 15, Science & Engineering Center, Fogler Library. Registration. x1678.

Excel - Databases, a CIT Macintosh Workshop, 2-4 p.m., Feb. 15, Fogler Library Classroom. Registration required/admission fee. x1638.

Battle of the Big Bands, part of the Maine Center for the Arts performance season, 7 p.m., Feb. 15, Hutchins Concert Hall. Admission fee. x1755.

16 Thursday

Association of Graduate Students Board Meeting, noon, Feb. 16, Lown Rooms, Union. x4548.

"The Changing Character of Conflict Between Cold War and Post-Cold War: The Palestinian-Israeli Situation and Other Conflicts," by Chris Giannou, surgeon, Palestine Red Crescent Society and Canadian Red Cross, and author of: *Besieged: A Doctor's Story of Life and Death in Beirut*, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., Feb. 16, Bangor Lounge, Union. x3860.

Networking with the Maine Mentor Program, a Career Center Job Search Workshop, 2:10 p.m., Feb. 16, Chadbourne Hall. x1359.

End of the first third of the semester for withdrawals, 4:30 p.m., Feb. 16.

The Architecture of Doom, part of the Peace and Justice Film Series, 7 p.m., Feb. 16, 100 Corbett Business Building. x3860.

"Wall Street, Main Street and El Pueblo: Foreign Investment, Population Growth and Traditional Culture in Latin America," by David Fleming, DAIWA Institute of Research America Inc., offered by the Department of Anthropology, 7 p.m., Feb. 16, Bodwell Area, Maine Center for the Arts. x1889.

Women's Basketball: UMaine vs. Hartford, 7:30 p.m., Feb. 16, Alford Sports Arena. Admission fee. xBEAR.

Live Music at the Ram's Horn, 8:30 p.m., Feb. 16. x1734.

17 Friday

"Observations on Boreal Forests and Boreal Forest Research," by John Brissette, USDA Forest Service, part of the Forestry Seminar Series, noon, Feb. 17, 204 Nutting Hall. x2831.

"Transport in Si-Ge Heterostructures," by Shelby Nelson, Colby College, part of the Department of Physics and Astronomy Colloquium series, 3:10 p.m., Feb. 17, 140 Bennett Hall. x1039.

"The Ancient Olmec: Mesoamericans' First Civilization," by Gillett Griffin, The Art Museum, Princeton University, part of the 1995 Hudson Museum lecture series, 3:30 p.m., Feb. 17, Bodwell Area, Maine Center for the Arts. x1901.

Movie: Blown Away, 6:30 p.m., Feb. 17, 100 Corbett Business Building. Admission fee. x1734.

Performance by Freiburger Barockorchester, part of the Maine Center for the Arts performance season, 8 p.m., Feb. 17, Hutchins Concert Hall. Admission fee. x1755. Free pre-concert lecture by David Klocko one hour before performance, Bodwell Area.

18 Saturday

Junior Recital by Soprano Erin Sylvester, 1 p.m. Saturday, Feb. 18, 120 Lord Hall. x1241.

Women's Basketball: UMaine vs. Vermont, 1 p.m., Feb. 18, Alford Sports Arena. Admission fee. xBEAR.

Diane Roscetti and Kathryn Foley Faculty Performance, part of the Music Department performance season, 8 p.m., Feb. 18, 120 Lord Hall. x1240.

Ongoing Events

Athletic Events/Recreation

Dexter Hockey Classic, 7 p.m., Dec. 22-23, Alfond Arena. Admission fee. xBEAR.

Ice Skating, Alfond Sports Arena, noon-1 p.m., Monday-Friday; 2:30-3 p.m., Saturday-Sunday. Admission fee/skate rentals available. Stick & Puck, 1:10-2:10 p.m., Monday-Friday. Admission fee. x1082.

Latti Fitness Center, 6:15-10 p.m., Monday and Wednesday; 7 a.m.-10 p.m., Tuesday and Thursday; 6:15 a.m.-8 p.m., Friday; 10 a.m.-7 p.m., Saturday; 10 a.m.-9 p.m., Sunday. Admission fee. x1082.

Swimming, Wallace Pool, 6:45-8 a.m., Monday, Wednesday, Friday; 11:45 a.m.-1 p.m., Monday-Friday; 6-7 p.m., Monday-Friday (children allowed); 9-10 p.m., Sunday-Thursday (students only); 10:30 a.m.-noon, and 2:30-5 p.m., Saturday (children allowed); 2:30-5 p.m., Sunday (children allowed). Admission fee/rec pass. x1082.

Senior Swim, a class for those 55 and older, 10-11 a.m., Monday, Wednesday & Friday. Registration fee. x1082.

Lacrosse Clubs: Men's practices every Monday, Wednesday, Thursday, 4 p.m.; Women's practices every Wednesday, 3 p.m., on the new field across from Stillwater Apartments. All skill levels welcome. x1082.

Entertainment

Like Water for Chocolate, part of the Roll It Again Cinema series, noon, Dec. 12; 3 p.m., Dec. 13, Totman Lounge, Union. x1820.

Women of Troy, part of the Hauck Mainstage Series, 8 p.m., Dec. 16-17; 2 p.m., Dec. 15 and Dec. 18, Hauck Auditorium. Admission fee. x1773.

"Christmas Around the World," a Planetarium show, every Friday at 7 p.m., and every Sunday at 2 p.m., through Dec. 23, Wingate Hall. Admission fee. x1341.

Exhibits/Demonstrations/Tours

Susan Groce: Alternative Choices, a Museum of Art exhibit, through Dec. 30, 1938 and Carnegie Galleries, Carnegie Hall, Hauck Gallery and Bodwell Dining Area, Maine Center for the Arts. x3255.

A Different Drum, a Museum of Art exhibit, through Dec. 30, Hole in the Wall Gallery, Union. x3255.

Thunder Bunny and Friends: Cartoons by Lee Reardon, a Museum of Art exhibit, through Jan. 29, Graphics Gallery, Union. x3255.

"I Live Not Without Beauty": Plains Indian Material Culture, a Hudson Museum exhibit, through April 9, Maine Center for the Arts. x1901.

His Vision of the People: George Catlin and Plains Indians, a Hudson Museum exhibit, through April 9, Maine Center for the Arts. x1901.

Page Farm and Home Museum open Monday-Friday, 10 a.m.-2 p.m. x4100.

Hudson Museum open Tuesday-Friday, 9 a.m.-4 p.m.; Saturday-Sunday, 11 a.m.-4 p.m. x1901.

Meetings of Groups/Organizations

Interdisciplinary Training for Health Care for Rural Areas Brown Bag Lunch, open staff meetings held every three weeks - Dec. 12, Hamm Room, Union. x2591.

Foreign Language Tables: Monday - French; Tuesday - Russian; Wednesday - German; Thursday - Spanish; all noon-1 p.m., 207 Little Hall. x2073.

Maine Peace Action Committee meets every Tuesday, 4 p.m., Virtue Room, Maples. x3860.

Overeaters Anonymous meets every Wednesday, noon-1 p.m., Davis Room, Union.

AI-Anon meeting every Thursday, 11 a.m., Old Town Room, Union. 947-5855.

NTS Coffee Hour every Thursday, 3:15 p.m., Commuter Lounge, Union. x1734.

Prisoners of Gender, a gender discussion group, meets every Friday, 2:15 p.m., 1912 Room, Union. x3801.

International Students' Coffee Hour every Friday, 4 p.m., Damn Yankee. x2905.

Religious Worship

Newman Center/Our Lady of Wisdom Parish Weekly Liturgy: Sunday, 9:30 a.m. and 6:15 p.m., Newman Center, 11:15 p.m., Bangor Lounge, Union; Monday-Thursday, 4:45 p.m., Newman Center, Confessions every Sunday, 5:30 p.m., Newman Center. 866-2155.

Worship and Celebration at the Wilson Center, followed by a light supper of soup and bread, every Sunday, 5 p.m., 67 College Ave. 866-4227.

Hindu Prayer Meeting, contact Arvind Sharma, 866-0304.

Guided Meditation, offered by Orono Campus Ministries, every Tuesday, 12:15-1 p.m., Davis Room, Union. 866-4227.

A Bahá'í Fireside, every Tuesday, 7 p.m., Union. 827-7571.

"A Taste of Home," home-cooked meal prepared by local church members, Wilson Center, every Thursday, 5:30 p.m., 67 College Ave. \$2 donation. 866-4227.

Muslim Prayer every Friday, noon-2 p.m., Drummond Chapel. x3449.

Miscellaneous

Annual Children's Book Drive to benefit needy area youngsters. Drop off books wrapped and designated for a particular age level in the Dean's Office, College of Education, Shibbes Hall. Deadline: Dec. 16.

Study Abroad Resource Room open 10 a.m.-noon and 1-4:30 p.m., Monday, Wednesday and Friday; 11:30 a.m.-12:30 p.m. and 1-4:30 p.m., Tuesday and Thursday, third floor, The Maples.

The Body Shop, a student-run business offering a variety of personal care products for sale, sponsored by the UMaine chapter of the American Marketing Association, every Monday and Thursday, 9 a.m.-3 p.m., Union. 866-7105.

Maynard F. Jordan Observatory open on clear nights Friday-Sunday, 7-9 p.m. x1341.

MEMORIAL UNION SEMESTER BREAK HOURS, DEC. 22-JAN. 15

Building: Closed weekends, Dec. 26 and Jan. 2. Open 7 a.m.-10 p.m., Dec. 22; 7 a.m.-5 p.m., Dec. 23; 7 a.m.-9 p.m., Dec. 27-30, Jan. 3-6, Jan. 9-13 and Jan. 15.

Bookstore: Closed weekends, Dec. 26, Dec. 29, Dec. 30 and Jan. 2. Open 8 a.m.-4:30 p.m., Dec. 27-28, and weekdays Jan. 3-13. Open 10 a.m.-3 p.m., Jan. 15.

Computer Cluster: Closed weekends, Dec. 26 and Jan. 2. Closing 10 p.m., Dec. 22. Open 8 a.m.-5 p.m., Dec. 23; 10 a.m.-9 p.m. weekdays, Jan. 9-15. Closed for maintenance Dec. 27-Jan. 6.

Credit Union Branch Office: Closed Dec. 23-Jan. 13.

Food Service: Closed weekends, Dec. 26 and Jan. 2. Damn Yankee and Coffee Shop closing 5 p.m., reopen Jan. 16. Bear's Den closing 10 p.m., Dec. 22, open 7 a.m.-2:30 p.m. Dec. 23. Open 7 a.m.-3:30 p.m. weekdays, Dec. 27-Jan. 13. Open 11 a.m.-9 p.m., Jan. 15.

Maine Bound/Recreation Center: Closed weekends, Dec. 26 and Jan. 2. Open 9 a.m.-4:30 p.m. weekdays, Dec. 27-Jan. 13.

Newscounter: Closed weekends, Dec. 26-28 and Jan. 2. Open 7:30 a.m.-4 p.m., Dec. 23 and weekdays, Dec. 29-Jan. 13.

Professional Offices: Some closed during Break. Check notices on office doors.



ENGINEERING AN EVENT

This time of year, there are holiday parties, Christmas parties and you-give-us-a-reason-and-we'll-have-one parties. And then there's the College of Engineering's Christmas/Holiday/Yuletide/Change of Command/You-Name-It Party, taking place at 7 p.m., Dec. 15 in the Wells Conference Center Lounge. Held annually every year but last year since 1984, Engineering's holiday parties are notorious for reaching the heights of hilarity with songs and music provided by a faculty washtub band, a raffle for custody rights to the sculpture of the "Unknown Chairman," and the auction of College artifacts and invaluable objects like a jar of John McDonough's famous pickles. Best of all, proceeds from the Engineering party (including the \$5-a-person admission fee) are donated to the *Bangor Daily News* Santa's Helper Fund and the Bangor Ronald McDonald House. In its 10-year history, the College of Engineering's annual yuletide celebration has raised \$13,500 for charity. Because the event did not take place last year, organizers are orchestrating this year's party on the philosophy that "we have a lot to make up." Party patrons can expect traditions to be carried on, such as bidding for custody of the College portrait (an original oil painting of what "research has shown" to be a portrait of the College's founder, even though the person is wearing a toga and an expression of utter bewilderment), and the "Dean's Invention" (one year it was a kit for hunting elephants – backward binoculars, tweezers to pick up the elephants, and a jar in which to store them). The golden sculpture of the "Unknown Chairman" (pictured in the foreground), created by Dwight Worcester in 1984, will similarly reside with the person holding the winning raffle ticket, who for the past nine years and against all odds has been auctioneer John McDonough. The party provides an opportunity to rub elbows with the College celebrities like George Greenwood, dubbed UMaine Engineering's patron saint; College balladeer Charlie Tarr; and College piper Earl Beard. In addition, "untold numbers" of the College of Engineering community are expected to entertain with their musical talents. Leading the musical portion of the party, which will include a rendition of the College's official song – *The Hippopotamus Song* – will be, left to right, George Greenwood, Earl Beard, John Alexander (the newest member of the College band and who claims to be tone-deaf, thus meeting the band's membership criteria), Norm Smith and John McDonough. A special feature of this year's party will be a formal Change of Command ceremony in which Norm Smith, who retires as dean the end of this month, will pass to his successor the trappings of the office – including a hard hat topped with a crown. All members of the University community are invited to attend the College's Christmas/Holiday/Yuletide/Change of Command/You-Name-It Party Dec. 15 for an evening of entertainment and to help raise money for charity. For tickets, contact the College of Engineering, 581-2216.

Campuswide Information Found on Gopher, WWW

Most U.S. universities have or are developing comprehensive electronic information systems for their faculty, staff and students. Many of these systems are accessible via the Internet, and provide information to prospective students and employees.

Here at UMaine, several departments provide online access to some of their public information, primarily by means of World Wide Web (WWW) servers and gopher servers. (Many users refer to the WWW by the name of the best known client used to access it, Mosaic.) Most other departments and units have at least some of their public information in computer files, even though it may be disseminated in paper form.

At least two development efforts are under way to provide a unified, user-friendly structure for the electronic dissemination of UMaine campus information: a gopher system being developed by library staff with technical support from CIT, and a World Wide Web/Mosaic system being developed by CIT staff. In each case, the home server contains a combination of local files and links to other machines on campus and elsewhere. In addition, at the University of Maine System level, CAPS maintains both a gopher server and a WWW server.

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FOOD AND CLOTHING DRIVES TO BENEFIT AREA FAMILIES

The University of Maine's VOICE (Volunteers in Community Efforts) program has set up collection boxes around campus to collect food and clothing for needy families in the Bangor area through Thursday, Dec. 22.

People are encouraged to donate non-perishable food and clothing in good condition, which will be collected by VOICE and donated to individual families or to local agencies like the Salvation Army for distribution. Collection boxes will be located in the Union, dining commons, residence halls, and some campus offices.

For more information, call the VOICE office, 581-1793.

RAFFLE

for a painting by Michael H. Lewis, framed by Art Etc.

Winner: Everson Stinson of Bradford

The Raffle benefitted the Chairlift Fund for the Orono Community House. The total amount raised for the Chairlift Fund was **\$1,403.**



The drawing was held at 3 p.m., Dec. 3, at the Orono Community House. Anne Hathaway, right, assisted by Paul Harris, picked the winning ticket.

Sincere thanks to everyone who participated.
Orono Chairlift Committee

People in Perspective

When Kay Hyatt walks into a meeting, people groan, and when her name appears on the telephone caller ID panel, it strikes alarm. That's because she deals in worst-case scenarios, usually brings bad news, and rains on the best-planned parades with the perpetual "but what if . . ."

With skills and skepticism engrained from 14 years of newspapering before joining the University of Maine Department of Public Affairs in 1986, she's the constant – and consistent – campus communicator.

Officially, as director of News Services, she is the primary contact for media seeking information about the University and coordinates the Department's proactive news gathering and dissemination activities. Unofficially, but well-known within the University community, she is the 24-hour front-line crisis communicator, trouble-shooter and sounding board who stays abreast of all the issues, rumors and rumblings. The point is to make sure everyone involved in a particular issue or controversy is receiving and giving accurate information.

"Constant communication is critical to keeping people informed and prepared to deal effectively with issues on campus and through the media," she says. "I am the eternal skeptic; I always hope for the best, but expect the worst, and as a result, we're usually one step ahead or at least have a good sense of direction when we need to react or respond to a controversy. The downside is going to bed every night knowing all this stuff."

Hyatt will relinquish her red flag at the end of the month, taking a brief break to recharge and revisit some priorities before seeking other opportunities – on and off campus.

"Kay has been an incredibly valuable member of the University community and our Department," said John Diamond, director of Public Affairs. "Few people realize the amount of time and energy Kay has put into her work on behalf of the University. Everyone in Public Affairs admires her greatly, and though we wish her the best, we truly hate to see her move on."

Hyatt describes her job as "an incredible educational experience. Every day has offered new insight into the workings of this University – a small city with the most diverse population in the state, both a resource and source of controversy for the media, and an amazing center of learning, research and service that the public deserves to know about," she says. That's a tough assignment that takes campuswide cooperation, so Hyatt does a lot of educating about communication.

An advocate of public information in the truest sense, she annually welcomes new faculty to UMaine – "a public institution with the obligation to inform society and share our expertise." She also advises them to acknowledge the public's legitimate interest in their affairs, including their salaries and the media's right and sometime penchant for reporting it. And



Kay Hyatt

Photo by Damon Kiesow

she talks with student organizations about how one mistake, one incident of poor judgment, can result in a storm of negative publicity.

"I stress good media relations – accessibility and openness – as a priority for everyone on campus because the media are our strongest link to the public, and that's how we are going to let people know what we're about and what we're doing," she says. "But I also have exacting expectations of the media to be fair, accurate and professional, and editors and news directors know they will hear from me when they haven't met those standards."

It's tough being the campus's adverse critic even of good causes, so Hyatt was particularly pleased when she received the Professional Achievement Award in 1993. "In addition to accomplishments, the citation included reference to my being a nice, pleasant person," she recalls. "That was a real lift. Even though people might say 'Oh, no,' when I walk into a meeting, they know I am going to be there for them. I'm also a great hand-holder, and I do have a sense of humor, although it's the gallows type."

Kay Hyatt will be finishing her work at Public Affairs at the end of this month. As of Jan. 1, Joe Carr, executive assistant to the director of Public Affairs, will assume additional duties as acting news director. Carr, former program director and news producer/reporter/assignment editor with WABI-TV, Channel 5, has been a member of the Department of Public Affairs since September 1993. Carr, a native of Hermon, holds a master's degree in journalism from Emerson College, Boston.

Faculty Senate

A special meeting of the Faculty Senate is scheduled for Wednesday, Dec. 14, 3:15 p.m., Lown Rooms, Union, to consider resolutions regarding elimination of associate degree programs from the University of Maine, and the transfer of University College to the Community College of Maine.

Oral Exams

"The Initiation and Development of 8 Shallow-basin Ferns in Maine," by Karen Bates, candidate for master's degree in plant biology, 1:30 p.m., Dec. 12, 101C Deering Hall.



University of Maine President Fred Hutchinson, second from the left, receives a copy of Favorite Recipes from OUR Kitchens, the new cookbook containing recipes from members of the University community, created by the Classified Employees Scholarship Committee to benefit the Classified Employees Scholarship Fund. Members on the Cookbook Committee are, left to right, Ellen Manzo, Sharon Cote, Cindy Meservey, Jonnie Wheaton, Jake Ward and Pam Oakes. Not pictured are Brenda Cote and Judy Polyot. As of the first week in December, more than 500 copies of the cookbook have been sold. To purchase yours, contact any member of the Classified Employees Scholarship Committee, or watch for a sales table in the lobby of the Union. They are also available in the Bookstore.

Photo by Damon Kiesow

Instructional Labs *continued from page 2*

"Cleaning, painting, putting up window shades are some of the small yet important things that can be done to improve space to make it nicer to teach and learn in," said Hunter. "Labs are more complicated because, in addition to some simpler things, it would be nice to add equipment. Then it comes down to how you decide."

The survey of instructional labs proved just the beginning of the information-gathering process aimed at developing a priority list. Like the classrooms, improvements to instructional labs can run the gamut from fresh coats of paint on walls and better lighting to dedicated computers and other high-tech equipment for teaching. But the types of activities in instructional laboratories across campus are more diverse than in classrooms. While environmental health and safety issues are factors to consider when making improvements – mandatory or aesthetic – in both kinds of teaching spaces on campus, those needed in instructional labs prove to be the most costly and pervasive.

"I am doing an initial walk-through of all the instructional labs on campus, building by building," according to Victoria Justus, director of UMaine's Environmental Health and Safety Office. "I'll be assessing all safety issues, categorizing them by what the departments and colleges will handle because they are little- or no-cost mitigation alternatives, and those that must be handled by the Subcommittee that are more costly or complex than a college or department can deal with."

Justus notes that 60 percent of health and safety issues can be addressed by "time and concerted effort" on campus.

"Departments need to address such problems as improper guarding on equipment, use of extension cords, proper wiring and sockets, storage of combustibles and chemicals. Most issues are housekeeping issues that, with time, effort and organization, can make a major impact. Some departments have already begun cleaning attics, like those in Holmes and the Sculpture Barn. In Jenness and Nutting, they are doing a general building cleaning. Other buildings need serious work. My office is working on compromises and teams to work on these issues, but it must be a concerted effort."

Environmental health and safety issues that must be addressed institutionally involve structural problems such as leaky windows, inadequate lighting, asbestos removal and egress issues in rooms, Justus said. They are issues requiring attention as determined by federal and state regulatory agen-

cies, including OSHA, the National Fire Protection Association, National Electrical Code, Maine Chemical Hazards ID law, and the Maine Department of Environmental Protection.

"These are the issues we'll be trying to put on a mitigation schedule of priorities for the University," Justus said. "Some are five or 10 years away from closure, but we need a concerted and continual effort to address the issues and concerns that are there."

"What we need to do now is try to combine health and safety with teaching needs, and strike a balance. We can enhance instructional aspects of our facilities while improving safety and still approach it from the aspect of doing the most good for the greatest number of people." ▲

Biosecurity in Aquaculture Focus of Video

The University of Maine has developed a one-of-a-kind video already in demand across the country. *Biosecurity in Aquaculture: Practical Steps for Healthy Fish* focuses on techniques for preventing diseases in aquaculture, a serious problem in a growing industry worth about \$1 billion nationally. This year in Maine, salmon farms are expected to sell 15 million pounds of fish worth about \$45 million.

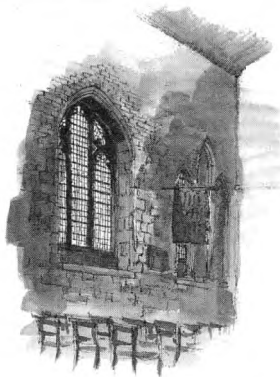
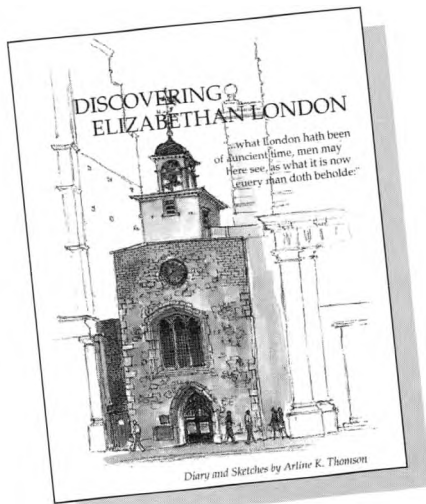
According to Mike Opitz, associate professor in the Department of Animal, Veterinary and Aquatic Sciences and a Cooperative Extension educator, disease problems contribute to company failures. "Depending on what diseases we're talking about, they can reduce production by a small amount or wipe out all the fish a company is raising," he said.

"We want people to be proactive, to be aware that they are in control of the environment in aquaculture. This is a risky business, and our goal is to minimize that risk."

Topics explored in the video include the selection of disease-free stock, sanitation practices at each step in the production process, and careful monitoring of feed and water quality to reduce stress on fish and shellfish.

**The University of Maine Parking Office
will be closed the week between Christmas and New Year's Day.
The Office will close at 5 p.m., Dec. 23.**

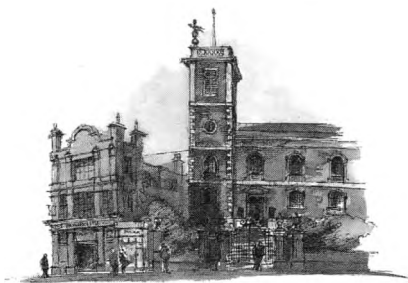
Thomson's Survey of London



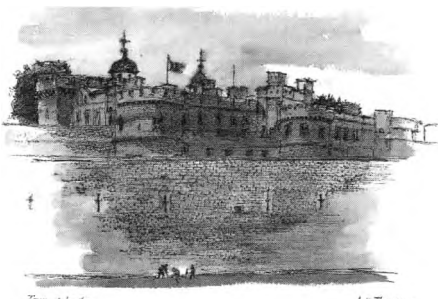
The Lady Chapel, St. Bartholomew-the-Great. A.K. Thomson



St. Olave, North Quay. A.K. Thomson



St. Andrew by the Wardrobe and Baynard's Castle Port. A.K. Thomson



Tower of London. A.K. Thomson



Twenty years ago, Arline Thomson first started exploring the city of London with a transit map in hand and a sketchpad under her arm. Instinctively, she found herself drawn to the architecture that existed during the reign of Elizabeth I and the streets that Shakespeare walked, and it was only a matter of time before Thomson's guide to London became John Stow's *A Survey of London*.

"It was as if he took me by the hand and led me around," Thomson said of Stow, who lived from 1525-1605. "I was enamored of his work. My husband, Bob, gave me my first book of Stow, and for a wedding anniversary, gave me the two-volume edition of *A Survey of London*, first published in 1598. I would read Stow and if he had something interesting to say about a particular place, I would try and find it. He described every street and almost every house in London. I had to find out what was left today."

During three visits to London over those first 10 years, Thomson explored the familiar and the inconspicuous remnants of John Stow's London. She found the dark, unmarked doorways that led into small churches, the alleys once bustling with

vendors headed to open-air markets, and the little-known paths to inner courtyards and gardens. Most of the old landmarks she found were painstakingly preserved, even if it meant that such historic treasures were found tucked between modern skyscrapers in the business district. In some cases, all that remained was a building's foundation or a street's name, and in others, just Stow's record of what was.

Thomson recorded her observations in pen and ink drawings, and her experiences in a journal. Her hundreds of sketches and journal notes became the subject of three different exhibits at the University of Maine, and colleagues on both sides of the Atlantic began encouraging her through the years to think of publishing.

"It was a book in the making, but I

wasn't sure what kind it was at the time," said Thomson, a staff artist for the University of Maine. "I started picking out sketches and researching the history in 1981, and then in 1984, the idea of tying today's London to that of John Stow became clearer."

This month, two decades of art, historical research and personal insight are being brought together with the publishing of *Discovering Elizabethan London: Diary and Sketches* by Arline K. Thomson. Produced by the University of Maine Press, the volume contains 160 sketches completed on-location at the various London sights. The sketches are accompanied by excerpts from Thomson's journal entries reflecting on the particular sites she found in the late 1900s, as well as Stow's description of the same locales he saw in the late 1500s – in literary parallel to the many antiquities Thomson found juxtaposed to the contemporary architecture in the modern landscape of London.

And because *Discovering Elizabethan London* has become something of a special project of the Press and the University community, six of the original sketches are being printed in four color and offered in limited edition with a signed and numbered hardcover volume of the book.

"This is nearer to my heart than anything I've ever done," said Thomson. "There's a lot of me in it, even in the littlest of ways when, in my journal entries, I spoke of cats whenever I came across them. I'm sure my love of England shows. And I realize that none of this would have happened if I had not been in London with Bob that first year. I just fell in love with the place. It felt like home."

"Publishing is a crowning effort of all that has been done in the past years," said Thomson. "Soon after I really began to visualize this as a book, I went back to England in fall 1984. When I returned, I brought tea towels for people back home as presents. There was one with a portrait of Elizabeth I that I thought was a rather nice design, so I put it on the door of my studio at home and vowed to keep it up until the book was published. Since then, she's been sort of watching over the process. There were times when I thought that towel was never going to come down."

Thomson first went to England in 1974 when her husband, Bob, was on six-month sabbatical from the University of Maine. It was her introduction to England, even though her father's family heralded from the island nation. On that trip, Thomson

decided to take a sketchbook instead of a camera as she explored London while Bob was occupied with his research.

"I started out a sketchbook, pen and ink, and colored pencils – things you could carry in a large pocketbook," Thomson remembered. "It's what we did when we were in art school, and I had not done it for a long time. When I was in art school, I had a curiosity about everything. This trip gave me a new incentive, after doing most of my work in a studio. To be outside was one thing, but you also meet so many interesting people that way. People don't bother to stop and talk with visitors taking photographs. But if you're sitting in the middle of the street, people tend to stop and talk."



One of Thomson's first explorations was along Gray's Inn Road where she found herself outside the fence surrounding Gray's Inn. "I'll always remember it," she said. "I did a pencil drawing of Gray's Inn, and all the while was nervous that people would question what I was doing. That night, when Bob looked at it, he knew right away what it was. After that, I found myself taking alleys and little tiny streets, seeking out back views of houses and the green parks that were everywhere. Later on, I got a copy of the London transit directory and went looking for certain buildings."

"I was enthralled by the antiquity of the places, their age, the fact that they often were sitting right beside modern buildings. In 1974, which was not that long after the war, there were still places fenced off where there were bomb craters. There was rebuilding, but in London, the old was apt to stay because the British are conscious of their history. Even in the City of London, that square mile surrounded by old Roman wall that is now the business district, the old buildings are still there and kept well."

Thomson returned home from that first trip with 100 sketches in her suitcase. University of Maine Museum of Art

curator Vincent Hartgen took one look and recommended an exhibit of the sketches on campus. On her second trip to England two years later, Thomson concentrated on sketching the 14 churches immortalized in the children's rhyme "The Merry Bells of London" – sketches that also became the focus of a Museum of Art exhibit.

All the while, Thomson kept a journal detailing not only her travels to the historic landmarks, but also her impressions and experiences while sketching. Many memories of her artistic explorations remain vivid, while others come back clearly by reading even the shortest of journal entries that provide timeless glimpses into "what I was sketching and why, and what happened to me when I was sketching."

"I always had a little folding stool. In the early days, I took a camp stool, and in later years, I found a nice three-legged stool to take along," she said. "That's when I graduated from a pocketbook to a big cloth bag for my paints and jugs of water for painting, pencils and a full line of English colored pencils in the subtle colors that fit their landscape. I always carried an umbrella because English weather is a little odd. They say it's going to be either sunny with some moisture or wet with some sunny spells, and that way they're always right."

After setting up her impromptu open-air art studio on the nearest sidewalk, outside the closest gate, or in a little-known courtyard, Thomson spent up to three hours sketching, coloring with pencil or painting in watercolor. In the more public settings, there were always inquisitive and friendly people about, peering over her shoulder, thanking her artistic preservation efforts and bestowing historic tidbits. At noon, when the streets filled with people, Thomson most often retreated to the City of London Library where she pored through historic records and read whatever she could on Stow.

In retracing Stow's steps, Thomson encountered history that made for some modern memories. "Things unfolded naturally around me as I would sit and sketch," she said. "Everywhere I sketched, the English would come up and say how glad they were that I was doing this because some of these places may not be here much longer, despite the preservation efforts. Like the church on the cover, St. Ethelburga, the smallest church in London. Since I sketched it, the church was destroyed by an IRA bomb meant for a nearby bank. I look at that cover as memorializing the church that's no longer there." ▲

Campuswide Information *continued from page 5*

Comparison of gopher and WWW/Mosaic.

From the user point of view, gopher and WWW/Mosaic systems have several similarities. Both are designed to retrieve files from remote servers via the Internet for viewing on the local workstation. Both are client-server systems; that is, server software runs on the machine that contains the files, and compatible client software runs on the user workstations that access those files. There are a variety of client programs suitable for DOS, Windows, Mac and UNIX platforms.

There are also significant differences between gopher and WWW/Mosaic. Gopher is limited to plain text files (no images, no variation in text size or font, etc.), while WWW/Mosaic files can include images, video, and a wide variety of text styles. WWW/Mosaic documents can be much more attractive and visually interesting; on the other hand, they tend to take longer to retrieve and display. Gopher can run on a fairly limited computer, while WWW/Mosaic has a graphical interface and will seem slow on anything less powerful than a 486. Gopher files form a hierarchical menu system, while WWW/Mosaic uses both menus and hypertext techniques: i.e. the user can select on highlighted fields on the screen and immediately jump to another linked file. WWW client software, such as Mosaic can retrieve and display gopher files. Some gopher clients can retrieve and display WWW files, but displays are limited and do not include graphics.

Campuswide information systems based on gopher technology are more widespread than WWW/Mosaic systems, partly because gopher is a more established technology and partly because many users do not yet have workstations powerful enough to access WWW/Mosaic files. This will probably continue to be the case for a couple of years, although there is a definite trend away from gopher and toward WWW/Mosaic systems.

Connecting to the UMaine campus information system:

GOPHER: If your workstation is running gopher client software, point to the following address: libinfo.ume.maine.edu, port 70. (Client software is available via FTP from: boombox.micro.umn.edu in pub/gopher/Windows; and from: sunsite.unc.edu in pub/micro/pc-stuff/ms-windows/winsock/apps.)

If you do not have your own client software but are connected to the campus network, telnet to libinfo.ume.maine.edu, login as 'gopher', and press <RETURN> when prompted for a password. Alternatively, if you have a CAPS CMS account, log on and enter gopher libinfo.ume.maine.edu. Or just enter gopher and follow the menu choices to get to UMaine campus information.

WWW: Within Mosaic (or other WWW client software), point to the Campus home page at address: <http://kramer.ume.maine.edu>. From this point, click on highlighted words or graphics to retrieve the information you want.

What kinds of information can you find? Here are a few examples: 1994-95 academic calendar, faculty and staff telephone numbers, concerts, sports and other current events on campus, course descriptions from the undergraduate catalog, current weather forecasts, catalog of library holdings (URSUS), library current awareness services, full text of *Academe this Week*, full text of several bio-technology newsletters, full text of congressional documents, indexes to current journals, deadlines for research proposals, text of UMS collective bargaining agreements, description of services for students with disabilities.

A lot of information has been added to both gopher and WWW servers in the last couple of months. If you haven't checked lately, we invite you to take a look.

We look forward to continued development of both the gopher and WWW/Mosaic gateways to campus information. We are

particularly anxious to establish links to other gopher and WWW servers on campus. If you have suggestions, or need help getting connected, or have information you would like to make available electronically, contact: GOPHER: Sam Garwood (x1668, garwood@maine) or Kim Amato (x1651, amato@maine) WORLD WIDE WEB: Dick Fleming (x1628, dfleming@ume.maine.edu). ▲

Safety Corner

Environmental Health and Safety Office



With the holiday season fast approaching, the importance of fire safety is a topic which needs to be addressed. The following guidelines will help make your holidays safe as well as happy.

▼ Display artificial trees, such as metal or flame retardant plastic, in common areas, rather than inside individual dormitory or office rooms.

▼ Living trees, potted or in a ball or earth, must be in a container and watered daily. These trees are allowed in assembly, mercantile, home and business occupancies only. They are specifically not allowed in dormitories or residence halls.

▼ Use only flame-retardant materials for decorations. Glass, metal and small plastic ornaments are recommended. Ordinary crepe paper, cotton, cellulose and foamed plastic decorations are prohibited by law.

▼ Avoid the use of open flames and candles. Do not allow smoking around decorations or trees.

▼ Limit the use of lighted decorations and associated extension cords to reduce the possibility of fire and shock hazards. Only UL-labeled microminiature light sets in good condition should be used, and then only during periods of constant attendance. Do not place lights on metal trees because of potential shock hazards.

▼ Extension cords should be UL-listed heavy-duty temporary power taps with a pilot light and built-in circuit breaker. Temporary household ("zip") extension cords should not be used.

▼ Practice good housekeeping. Clean up accumulated gift paper, ribbons, and boxes before they become a fire hazard.

▼ Do not obstruct exits, means of egress, or visibility of exits with holiday decorations, trees or holiday lights.

In addition, the following guidelines will help you to prepare your area for the upcoming semester break:

▼ Unplug coffee pots, hot plates, popcorn poppers, soldering irons, heaters, microwave ovens, scopes, bench top equipment, terminals, PCs, printers, small battery-charging units, plug-in strips, calculators and other small electrical equipment.

▼ Ensure all chemical containers are closed or capped and stored properly.

▼ Remove combustible materials from permanent heat sources.

We are at 96.5% of our
CCAUE goal as of Dec. 6.

COMBINED CHARITABLE APPEAL
FOR UNIVERSITY EMPLOYEES



- \$71,000
- \$68,543



Max Egenhofer, associate professor in surveying engineering, cooperating associate professor in computer science, and associate director of the National Center for Geographic Information and Analysis, and **Tom Bruns**, former research graduate assistant in surveying engineering: "Getting Maps Onto the Desktop: GIS User Interfaces Beyond Menus and Buttons," *International IGUG News*, pp. 8-9 (Fall 1994).

Robert Seymour, Curtis Hutchins Associate Professor of Silviculture, Department of Forest Ecosystem Science: "The Northeastern Region," *Regional Silviculture of the United States*, J.W. Barrett, Ed., 3, pp. 31-79, Wiley and Sons, N.Y., 643 pp. (1994).

Mitscka Hartley, graduate student in wildlife ecology: "Passerine Abundance and Productivity Indices in Grasslands Managed for Waterfowl Nesting Cover," *Transactions 59th North American Wildlife and Natural Resources Conference*, pp. 322-27.

Terry Haines, professor of zoology, Victor Komov, Institute for Biology of Inland Waters, Russia, and Charles Jagoe, Savannah River Ecology Laboratory: "Mercury Concentration in Perch (*Perca fluviatilis*) as Influenced by Lacustrine Physical and Chemical Factors in Two Regions of Russia," Chapter IV.3, pp. 397-407, *Mercury Pollution Integration and Synthesis*, Lewis Publishers, Boca Raton.

Malcolm Hunter, Libra Professor, Conservation Biology: "What is Biodiversity?" *The Maine Scholar*, 7:65-74.

Raymond O'Connor, professor of wildlife ecology: "Population Patterns and Process Parameters-Issues in Integrating Monitoring and Models," *Wildlife Toxicology and Population Modeling: Integrated Studies of Agroecosystems*, R.J. Kendall and T.E. Lacher (editors), CRC Press, Boca Raton (Society for Environmental Toxicology and Chemistry, Washington, D.C.), pp. 283-300.

Erdogan Kiran, Gottesman Research Professor of Chemical Engineering, and **Yan Xiong**, graduate student in chemical engineering: "Prediction of High Pressure Phase Behavior in Polyethylene/n-pentane/carbon dioxide Ternary System with the Sanchez-Lacombe Model," *Polymer*, 35(2), 4408-15 (1994).

Former graduate student, **Lisa Dumont** and **Bohdan Slabyj**, professor of food science: "Impedimetric Procedure in Estimating Bacterial Load in Commercial Carrageenan," *Food Microbiology*, Vol. 11, pp. 375-83 (1994).

Professor **Peter Csavinsky**, Department of Physics and Astronomy: "Convergence of a Series of Lower Bounds for $\langle 1/r \rangle$ for the Noble Gas, Alkali, and Alkaline Earth Atoms," *International Journal of Quantum Chemistry: Quantum Chemistry Symposium*, No. 28, pp. 227-30 (1994).

Marilyn Noyes Mollicone, graduate student in plant biology and pathology, and **Joyce Longcore**, faculty associate in plant biology and pathology: "Zoospore Ultrastructure of *Monoblepharis polymorpha*," *Mycologia*, 86, pp. 615-25 (1994).

Don Naber, associate professor of biology, University College, and Glenn LeBlanc instructional developer, Education Network of Maine: "Reaching Students Where They Are: The Application of an Instructional Systems Model to a Human Biology Laboratory Course at a Distance," *Proceeding of the 10th Annual Conference on*

Distance Teaching and Learning, University of Wisconsin, pp. 81-85 (1994).

John Weispfenning, assistant professor of communication and journalism: "Television Self-Regulation: Organizational Processes and the Network Censors," *Journalism Quarterly*, 71 (Autumn 1994) pp. 609-617.

Comins on the Best Book List

University of Maine Physics Professor Neil Comins' book exploring speculative, but plausible, planetary scenarios was recently named among the best books of 1993 by two literary trade publications.

What If the Moon Didn't Exist?: Voyages to Earths That Might Have Been, published last December by HarperCollins, is listed in the Best Sci-Tech Books section of the *Library Journal* and as an Editors' Choice in *Booklist's* non-fiction selection.

The *Library Journal* calls the book "intriguing and absolutely delightful," and *Booklist* describes it as offering "stimulating, imaginative, speculative answers" to questions about the complex mechanics of the world.

Now in its third printing, the book has been translated into Japanese and Hungarian, and published around the globe. The paperback edition is due out in January.

What If the Moon Didn't Exist has been acclaimed worldwide as stimulating and provocative. It continues to stir imaginations and cast the UMaine astronomer as a popular guest on the radio talk show circuit.

NATURAL RESOURCES PROGRAM ORAL PRESENTATIONS

Monday, Dec. 19, Winslow Hall Classroom

- 8 a.m. Edward Aneshansley, "Effects of Beta 1,3-Glucans on the Immune System of Lobsters (*Homarus americanus*)"
- 8:15 a.m. Sheryl Becker, "The Impact of Federal Wetlands Legislation and Regulation on Wetlands: Prairie Pothole Wetlands"
- 8:30 a.m. Scott Bois, "Propagation of Upland Game Birds"
- 8:45 a.m. Ben Carr, "The Response of Five Crop Plants to CO₂ Enrichment"
- 9 a.m. Meaghen Condon, "Analysis of Weed Seed Emergence in Relation to Various Physical and Environmental Factors"
- 9:15 a.m. Sean Davison, "Pay by the Bag Versus Common Practice of Solid Waste Pickup"
- 9:30 a.m. Perry Fowler, "Composting Sewer Sludge"
- 9:45 a.m. Bonnie Foye, "Mercury Contamination of Aquatic Ecosystems"
- 10 a.m. Raymond Knott, "Recent Policies that Effect Acidic Deposition on Lacustrine Systems in Northeastern North America"
- 10:15 a.m. Mike McManus, "Impact of Basin Mills Project on Atlantic Salmon Restoration Program on the Penobscot River"
- 10:30 a.m. Tara Miller, "Biological Pest Control in Greenhouses"
- 10:45 a.m. Peter Nickerson, "Cellular Models for Waste Management"
- 11 a.m. Steven Scaturro, "Constructed Wetlands: An Alternative to a Growing Problem"
- 11:15 a.m. Keri Sewell, "Contamination of Groundwater by Fuel Storage Piles of Wood Waste Power Facilities in Maine"
- 11:30 a.m. Merle Shields, "Alaska National Wildlife Refuge and Oil"
- 11:45 a.m. Jessica Simmons, "The Clean Air Act Amendments of 1990: What Kind of Crisis Have They Caused with the Auto Emission Testing Program in Maine?"
- noon Sara VanKeuren, "Desertification and the Guadalupe Mountains National Park"
- 12:15 p.m. Marla Zando, "The Eutrophication of Maine Lakes"



Polly Karris, director of the Employee Assistance Program, and president of the International Association of Employee Assistance Professionals in Education, attended their conference: "Revolutionary Ideas for EAPs in Education," Nov. 17-18, Boston, where she was presented a plaque in recognition of leadership, dedication and commitment as the first president of IAEAPE. Karris also attended the American Association for Marriage and Family Therapy (AAMFT) 52nd Annual Conference, "Forging Our Future: The Challenge of Change," Nov. 3-6, Chicago. Karris is secretary of the Maine Chapter of AMFT.

Erdogan Kiran, Gottesman Research Professor of chemical engineering, attended the 3rd International Symposium on Supercritical Fluids in Strasbourg, France, Oct. 17-19, and presented a paper: "Solubility of Polyethylene in n-butane and n-butane/CO₂ Binary Mixtures." The paper was co-authored by **Yan Xiong**, a graduate student in chemical engineering. Kiran also gave invited lectures at the Ruhr-Universitaet Bochum, Oct. 21, and Universitaet Goettingen, Oct. 24 in Germany, and at the Delft University of Technology in The Netherlands Oct. 26 on: "Polymer Miscibility, Viscosity and Phase Separation in Near and Supercritical Fluids." He also visited the Physical Chemistry Institute at the Johannes-Gutenberg-Universitaet in Mainz, Germany.

Anatole Wieck, associate professor of music, gave a presentation/performance on the subject: "Performance Practices in Baroque Chamber Music," at the fall meeting of the Maine Music Teachers' Association Nov. 29, at Colby College. Wieck also performed a violin recital with pianist Ginger Yang Hwalek Nov. 20 at The Bay School in Blue Hill for the benefit of the school scholarship fund. In addition, Wieck played the violin in the Arcady Music Festival Winter Series along with mezzo-soprano Elizabeth Patches and pianist John Bell Young. The concerts were held Nov. 13-15 in Northeast Harbor, Bangor and Dover-Foxcroft, respectively, in a program which included compositions by German philosopher Friedrich Nietzsche. Finally, Wieck performed in school assemblies at Tremont and Bar Harbor Nov. 14, and at Dexter and Guilford Nov. 15.

Sandra Sigmon, assistant professor of psychology, chaired a panel discussion: "Gender Differences in Psychopathology: Going Beyond the Data," at the annual Association for the Advancement of Behavior Therapy conference in San Diego, Nov. 10-13. At the same conference, Sigmon and **Kelly Rohan**, a graduate student in psychology, presented two posters: "Gender Differences in Coping with Child Sexual Abuse," and "Anxiety Sensitivity and Menstrual Cycle Reactivity." **Lisa Hotovy**, a graduate student in psychology, presented a poster: "Gender Differences in Depression: Relationship to Adherence to Sex-Role Stereotypes and Interpersonal Problem-Solving," with Sigmon, **Peter Trask**, and Kelly Rohan as co-authors. Trask, a graduate student in psychology, presented a poster: "Gender Differences in Coping Styles Relative to Depressed and Nondepressed Mood," with Sigmon, and **Amy Carmola** as co-authors.



Lynn Nelson

The New England Educational Research Organization Best Paper Award has been presented to UMaine Assistant Professor of Education Lynn Nelson and Fred Drake of Illinois State University.

Their winning paper: "Social Studies Teaching 1949-1989," was selected from among 37 submissions for the Award. It also was published in *Theory and Research in Social Education*, the journal of the national Council for the Social Studies, under the title: "Secondary Teachers' Reactions to the New Social Studies." The paper by Nelson and Drake will now be presented at the American Educational Research Association meeting in San Francisco in April.

The paper examined the social and institutional factors that shaped the beliefs and actions of one group of teachers in the period following World War II. Interviews were conducted with 29 veteran secondary social studies teachers to collect and examine their life stories. These stories, according to the paper's authors, illustrate the magnitude of separation that exists between the concerns of theorists and the issues that are important to teachers. In their interviews, the two researchers focused on the perceptions of veteran social studies teachers regarding their field of study, and then placed these beliefs and actions in the historical context of the period.

The New England Educational Research Organization is dedicated to the promotion of educational research. Its 275 members come primarily from higher education in New England, New York and Pennsylvania.

Bradley Blackwell, graduate student in wildlife ecology, **William Krohn**, leader, Maine Cooperative Fish and Wildlife Research Unit, and **R. Allen**, Maine Department of Inland Fisheries and Wildlife, presented a paper: "Foods of Nestling Double-Crested Cormorants in Penobscot Bay, Maine: Spatial and Temporal Comparisons," at the Colonial Waterbird Society 18th Annual Meeting, Wrightsville Beach, N.C., Nov. 2-6.

Raymond O'Connor, professor of wildlife ecology, was awarded National Research Council Senior Research Associateship for 1993-94 academic year. O'Connor also presented a paper: "An Avian Prototype of a National Biodiversity Assessment," at the "All Hands" Meeting of the Biodiversity Research Consortium, Corvallis, Oregon, Nov. 1.

David Tang, Extension educator in Aroostook County, Theresa Ferrari, Extension educator in Cumberland County, Ray Corey, Extension educator in Franklin County, and Carney McRae, Extension educator in Knox-Lincoln County, attended the 48th Annual Conference of the National Association of Extension 4-H Agents in Niagara Falls, Oct. 30-Nov. 4. Ferrari presented workshop: "Careers Unlimited: Preparing Youth for Employable Futures." McRae co-presented the poster session: "A Rainbow of Resources in Volunteer Management."

Russell Briggs, associate research professor, Cooperative Forestry Research Unit, presented a poster at the Soil Science of America Annual Meeting, Seattle, Nov. 13-18: "Predicting Impacts of Partial Harvesting on Soil Disturbance Using Skid Trail Attribute Data in Maine."

William Clapham, plant physiologist, **C. Wayne Honeycutt**, soil scientist, and **Julie Bell Willcott**, plant physiologist, USDA-ARS New England Plant, Soil, and Water Laboratory, attended the 86th annual meeting of the American Society of Agronomy – Crop Science Society of America – Soil Science Society of America in Seattle, Nov. 13-18. Clapham presented: "Effects of Temperature at Maturation on Yield, Phenological Development, and Subsequent Generations of Lupin." Honeycutt presented: "Influence of Crop Rotation on Chemical and Physical Soil Properties in Potato Cropping Systems." Willcott presented: "Canopy Characteristics and Yield of Lupin Grown at Three Different Row Widths."

Jane Haskell-Cowles, Extension educator in the Waldo County Extension Office, received two awards from the National Association of Extension 4-H Agents this year. She received the Achievement in Service Award because of her outstanding work in Waldo County. She has increased the number of youth and volunteers in the county by bringing 4-H into schools, and offers a variety of hands-on school programs, providing curricula and working on community leadership and aspiration projects. Traditional volunteers also are increasing and assuming more responsibility for program development. She also received a Youth at Risk grant of \$3,425. Youth and volunteers will use this money to design and implement specific science and technology trainings, workshops, short courses, focus groups and demonstration show cases.

Ray Corey, Extension educator in the Franklin County Extension Office, was installed as a board member of the National Association of Extension 4-H Agents. He is the first Extension staff

person from Maine to serve on the national board, and is representing 4-H on the Galaxy Conferencing planning committee (1997 conference of all Extension professional associations).

The future of Maine's transportation system was the subject of a conference Dec. 8 at the Augusta Civic Center, co-sponsored by UMaine, the Maine Department of Transportation, the Maine Better Transportation Association and the Maine Section of the American Society of Civil Engineers. "Transportation in the 21st Century" was designed for engineers and contractors working in Maine and

featured speakers from state and federal agencies, as well as engineering consultants. Among them was **Chuck Gould** of the School of Engineering Technology, who addressed the use of computers in estimating, scheduling and planning construction work. **Habib Dagher** and **Dana Humphrey** of Civil Engineering gave presentations, discussing the pros and cons of timber bridges as a replacement for concrete and steel structures, and the results of tire chip research, respectively. Civil Engineering faculty **John Alexander** and **Per Gärder** served as moderators.

Waste Not

Waste Management Office

Up until a year ago, each man, woman, and child in the U.S. was generating nearly 3.5 pounds of waste a day, on average. Today we have an even greater need to reduce, reuse, and recycle because the average daily weight of waste generated per person now is 4.5 pounds. The composition of this waste is mostly paper, plastics, metals, food and textiles. It is the packaging from the items we purchase. It is wasted food and the personal and household items we discard when they have exhausted their usefulness. It is the disposable items we need no more.

At different times of the year, there are events that increase our contribution to the waste stream. One such series of events occurs during the holiday season. As we attend gatherings with friends and relatives, purchase gifts, and wrap them for the day we feverishly rip into them, a great deal of waste is generated.

Here are a few suggestions of ways that you can reduce the waste you generate this holiday season:

- ▼ When you attend and or throw a dinner or a party, use cloth napkins, reusable dinnerware and silverware.
- ▼ Prepare the appropriate amount of food so that none is wasted.
- ▼ When gift shopping, avoid taking a bag from the store (unless you use it as wrapping). Bring your own cloth or paper bag for reuse.
- ▼ Hours of entertainment for the young and old can be had by coloring shopping bags to be used as wrapping paper.
- ▼ If you purchase wrapping paper, bows, and ribbon, save them for reuse next season. Remember that most recycling programs do not accept wrapping paper as material for recycling. In addition, it's not such a hot idea to burn wrapping paper in your woodstove because of the heavy metals that might be present in the inks.
- ▼ Some holiday wastes can not be recycled, including electricity. If lights adorn you home this season, limit there use to selected daytime or evening hours, and never leave them on all night. Few people will see them at 3 a.m. Besides, Saint Nick does not need directions to your house. He knows where you live.

As you rocket through this holiday season, do what you can to reduce your use as well as the waste you produce; reduce waste at the source. Such conscious efforts can help bring joy to the world and everybody on it.

Media Spotlight



Klose in Reader's Digest

An article by Robert Klose, assistant professor of biological science, University College: "Legend of the River Pumpkins," appeared in the October issue of *Reader's Digest*.

And Locally Speaking . . .

Mary Ellen Camire, associate professor of food science, interviewed with WLBZ/TV about the presence of bacteria in fruits and vegetables, and the recent recommendation of the Center for Disease Control and Prevention to purchase only pasteurized cider or boil raw cider before drinking in response to reports of bacterial contamination.

A recent issue of *The Weekly* talking about the proposed renovation of Indian Trail Park in Brewer noted that UMaine students did a feasibility study of the area as part of the planning process. Their study was "encouraging in terms of pointing the way toward improvements at the location," according to the article. The feasibility study project was undertaken by students in Floyd Newby's Forest Recreation Planning class last spring. The students included two recreation and park management graduate students – Jim Harding (master's candidate) and Ki Joon Yoo (Ph.D. candidate), and two recreation and park management undergraduates who have since graduated – Tim Boyd and Greg Heaton. Copies of the final park plan, presented to the Brewer Kiwanis Club, can be obtained by contacting Newby, x2850.



Maine Perspective classified ads are published weekly and are free to faculty, staff and students at the University of Maine. Ads must be typewritten and include a telephone number. They will be published one week only unless otherwise specified. Send ads to: Maine Perspective Classifieds, Public Affairs. Ads must be received by 9 a.m. the Friday before they are to appear in the next week's issue.

FOR SALE

HOME FURNISHINGS: Kitchen table, wood, with leaf, \$35; bed frame, \$15; Beckett oil burner, \$50; microwave oven, \$85; dryer, \$80. Call 947-0607, evenings.

HOUSE: 2-family home, Old Town, two 2-bedroom units. Each has own furnace, hot water, electric, parking. Owner-occupied with \$425 rental income. Nice neighborhood, close to schools, large lot with lovely landscaping. Hardwood floors, garage, new vinyl siding, windows, and other restorations. \$92,000. Call 827-5409 evenings for details.

LAND: 12.4 acres in Orono, \$100,000 firm. Enter from Woodhaven Drive. Close to medical facility, golf course, University, high school and easy commute to Bangor Mall. Call 827-2832.

PERSONALIZED APRONS: Unique child's play apron—no two alike. Painted designs on fabric; great gift for Christmas or birthdays. \$12. Call 945-0010.

STEREO EQUIPMENT: KLH system, \$75 or BO; Pioneer turntable, \$50; receiver, \$15. Call 947-0607, evenings.

TRUCK: 1986 Ford Ranger with recent professionally rebuilt 4 cyl. engine. Also has 4 new tires, battery, and good clutch assembly. Solid Body. AM/FM cassette. Asking \$2,900. Call 394-2217 evenings.

WREATHS: Celebrate the holiday season with a fragrant balsam fir wreath. Our hand-tied, double-faced wreaths capture the essence of Christmas in Maine. All pre-ordered wreaths are decorated with a red velvet bow and include a generous sample of our very own Shepherd's Christmas Simmering Potpourri. To pre-order your wreath and sample (22" wreath - \$15; 32" - \$25), call Diana, 947-3798.

FOR RENT

APARTMENT: Stillwater, 1 mile from campus. Clean 2 BR, second floor, picturesque lot, W/D. Quiet, non-smoker, no pets. Avail. immediately. \$450/mo. + heat and electricity. Call 989-3048.

APARTMENT: Brewer, two bedroom, second floor apartment, clean, great location, easy access to Bangor and Orono. Plowed parking off the street; plenty of heat and hot water included. Extra storage available. \$435/month. Call 827-3681.

APARTMENT: Attractive two-bedroom, bi-level apartment attached to large residential home: available January 1. Nice yard. \$380/month + heat and hot water. Seek non-smoker. No dogs. On beautiful Palm St. in Bangor where the tropical winds blow all winter. Call 942-2782.

HOUSE: Newly redone small 2-bedroom house in Milford. Full basement, W/D hook-up, and beautiful view of Penobscot River. \$500/month + utilities. Security deposit. Call 827-2483 after 5 p.m.

ROOM: Bangor, lovely private home close to bus line and Interstate. Shared kitchen, bath and living areas, furnished, storage area available, off-street parking. \$60/week includes utilities. No pets. References required. Prefer female. Available immediately. Call 990-1196 evenings.

ROOM: Orono, lovely modern home in woods near busline. Share kitchen and laundry room. Off-street parking, storage area, pets allowed. Non-smokers only. \$225/month plus utilities. We will reduce your rent in exchange for household chores. Call 866-5548, evenings.

WANTED

OTHER MUSICIANS: Once-trained amateur musicians, skills rusty but salvageable, seeking others for winter sociability and sightreading. Types of music could include chamber music, madrigals or folk, depending upon available personnel. To explore possibilities, contact Naomi, 581-3809, (NJACOBS@MAINE).

TRANSPORTATION: Needed from Howland to Eastern Maine Medical Center and home most weekdays and every weekend. 7 a.m.-3:30 p.m. shift. Call 732-5322 to arrange even if one-way can be agreed upon.

TRANSPORTATION: Needed from Boston airport to Bangor area on Dec. 15. Willing to share toll fee and gas with you. Call 827-6710 and leave message.

USED COMPUTER: Needed for high school student for Christmas. Mac or IBM (printer optional), price must be reasonable. Call Ellen days at 990-3927 or evenings at 866-3466.

FREE

PLASTIC CONTAINERS: Come to Fernald Snack Bar, follow the signs for free plastic containers at the bottom of the stairs. First come, first serve, there are various sizes.

Positions Available

The qualifications within the listings below are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information.

To appear in the Maine Perspective, advertisements must be submitted to the Office of Equal Opportunity, 318 Alumni Hall, no later than noon on Wednesday. Guidelines for filling professional positions are available by contacting the Office of Equal Opportunity, x1226. A Request to Fill form must be approved before posting in Maine Perspective.

Network Specialist, Computing & Instructional Technology. Full-time professional position. Qualifications: Required: Bachelor's degree in electrical engineering technology, Computer Science, or equivalent professional experience. Familiarity with DOS and Macintosh platforms, including hardware and software functionality, Novell Network versions 2.2 and 3.11; and Macintosh Appleshare network operating systems. Experience with DOS batch file programming, as well as with the UNIX operating system and the 'C' programming environment, and experience in personal computer networking. Knowledge of ethernet LAN topologies, such as 10BASE-T and thin-net; associated network hardware including ethernet repeaters and concentrators; and also knowledge of applications including Word Perfect, MS-Word, Lotus, and Windows. Desirable: Experience in multimedia software and hardware. Salary Range: \$20,000-\$24,000. Review of Applications: Will begin 12/19/94 and continue until a suitable candidate is found. Contact: Search Committee, Computing & Instructional Technology, University of Maine, 5766 Shibbes Hall, Orono, ME 04469-5766.

Postdoctoral Research Associate, Darling Marine Center. Full-time position, renewable up to 30 months. Qualifications: Ph.D. in microbiology or related field is required. Experience with gas chromatography, radio tracers, culture methodologies and use of molecular techniques highly desirable. Salary Range: \$24,000-\$25,000. Review of Applications: Will begin 1/1/95 and continue until a suitable candidate is found. Contact: G.M. King, Darling Marine Center, University of Maine, Walpole, ME 04573, telephone: (207)563-3146, ext. 207.

College of Business Administration Positions

Assistant Professor of Management Information Systems.

Qualifications: Appropriate doctoral degree in business administration or offer substantial evidence that the degree will be completed by the time of appointment. Strong background in Information Systems is necessary. Teaching experience is also desirable. Candidates must demonstrate an aptitude for successful teaching, research, and public service in the field of MIS. Review of Applications: Will begin in 1/95 and continue until a suitable candidate is found. Start Date: 9/1/95. Contact: Virginia Gibson, Chair, Search Committee for Assistant Professor of Management Information Systems, College of Business Administration, University of Maine, 5723 Donald P. Corbett Business Building, Orono, ME 04469-5723.

Assistant Professor of Finance.

Qualifications: Appropriate doctoral degree in business administration or offer substantial evidence that the degree will be completed by the time of appointment. Teaching experience is also desirable. Candidates must demonstrate an aptitude for successful teaching, research, and public service in the field of finance. Review of Applications: Will begin in 1/95 and continue until a suitable candidate is found. Start Date: 9/1/95. Contact: John Ford, Chair, Search Committee for Assistant Professor of Finance, College of Business Administration, University of Maine, 5723 Donald P. Corbett Business Building, Orono, ME 04469-5723.

The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, the jobs are full-time and the address for the application information is: the contact person listed, department, University of Maine, Orono, ME 04469.



Air Force Office of Scientific Research invites science, mathematics, and engineering faculty to participate in 8-12 summer weeks of research at an Air Force laboratory. Participants may apply for grant support of follow-on work. Deadline: Jan. 20.

U.S. Department of Education's Dwight D. Eisenhower Program makes grants for projects that support the development of leadership skills, develop leadership curricula for secondary and post-secondary students, provide prototypes for understanding and teaching critical leadership skills, and stimulate theoretical and practical studies of leadership. Estimated range of awards: \$100,000 - \$225,000. Deadline: Jan. 20.

U.S. Department of State's Biosphere Reserve Directorate, U.S. Man and the Biosphere Program, invites applications for support of Biosphere Reserve workshops and partnership-building activities that promote cooperative

regional, ecosystem-based initiatives. Maximum award: \$10,000. Deadline: Jan. 31.

National Science Foundation's Directorates for Engineering and for Biological Sciences have joined in a cross-disciplinary initiative on Biosystems Analysis and Control, developing techniques to analyze and control complex dynamic systems by extending understanding of how biological systems interpret sensory signals, control physiological processes, and adaptively monitor and control bioprocesses. Deadline: Feb. 1.

U.S. Department of Education supports research in the education of individuals with disabilities. FY95 priorities: (1) Alternatives for Outcome Assessment for Children with Disabilities, (2) Student-Initiated Research, and (3) Models that Bridge the Gap between Research and Practice. Deadline for the first two priorities is Feb. 24; for the third, March 24.

National Research Council invites applications from American scientists and engineers who wish to host colleagues from the Newly Independent States of the former Soviet Union for joint research in any field of applied science or engineering. Awards

will be made for up to \$3,000 in travel and \$1,000 per month in living expenses. Deadlines: March 1, Oct. 1.

American Bar Association awards mini-grants of up to \$1,500 for projects to enhance undergraduate liberal education about law, the legal process, and law's role in society. Projects are encouraged to use interdisciplinary

approaches, integrate legal themes into general education, enhance global or multicultural perspectives, promote active and cooperative learning strategies, and/or link the curriculum with campus life. Deadline: March 31.

For more information, call Research & Sponsored Programs, x1476.

EMERGENCY SNOW REMOVAL

While the University consistently works toward expeditious snow removal, there may be situations that pose particular safety problems for students, staff, or visitors who have limited mobility. If you become aware of situations requiring emergency ice or snow removal beyond ongoing efforts, please notify Facilities Management, x2671, during the day from 8 a.m.-4:30 p.m., and Public Safety at x4040 in the evenings and weekends.

DINING SERVICES HOURS OF OPERATION

All dining areas and commons open regular hours Dec. 19-23.

Dining commons: Dec. 22, dinner served only in Hilltop and Stodder Commons, 4:30-6:30 p.m.

Bear's Den: Closed 2:30 p.m., Dec. 23, and closed Dec. 24-26.

Damn Yankee: Closed 5 p.m., Dec. 22.

Fernald Snack: Closed 2 p.m., Dec. 22.

Union Coffee Shop: Closed 5 p.m., Dec. 22.

Hilltop Market: Closed 6 p.m., Dec. 22.

Southside Market: Closed 6:30 p.m., Dec. 22.

Bear's Den: Open 7 a.m.-3:30 p.m., Dec. 27-30.

Taco Bell: Open 7 a.m.-3:30 p.m., Jan. 3-13

Damn Yankee Salad Bar: Open 10 a.m.-2 p.m., Jan. 3-13.

Bear's Den: Open 11 a.m., Jan. 15

Stewart and York Dining Commons: Open 4:30-6:45 p.m., Jan. 15.

Open Jan. 16: Union Coffee Shop, Fernald Snack Bar and Dining Commons, 7 a.m.; Damn Yankee: 8:30 a.m.; Southside Market, 9 a.m.; Taco Bell, 10 a.m.; Hilltop Market, 11 a.m.

What's Ahead



CLASSES END
Dec. 16

COMMENCEMENT
Dec. 17

FINALS BEGIN
Dec. 19

FINALS END
Dec. 22

SPRING SEMESTER BEGINS
Jan. 16

Maine Perspective

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